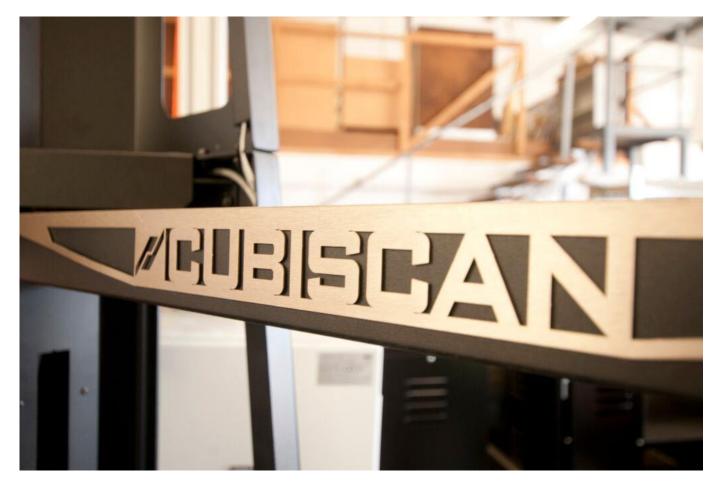
CubeMaster, developed in Australia by SCACO, is the most powerful SKU Data Management Software product in world.



CubeMaster WMS Integration Software

for

CubiScan



CubeMaster, developed in Australia by SCACO is the most powerful SKU Data Management Software product in world.



WMS & ERP vendors and users, Programmers, and Supply Chain IT professionals all agree: Nothing in the industry even compares to CubeMaster.

### "If you are serious about SKU data management then CubeMaster is a must-have."

The various CubiScan models are each used to quickly and accurately determine the precise weight and dimensions (LWH) of Stock Keeping Units (SKUs) in a DC or Warehouse.

But this measurement data is not very helpful if you still need to manually record and enter it into a host IT application.

CubeMaster WMS Integration Software is an automation powerhouse. It incorporates an SQL database and runs on a PC with grunt that forms part of the overall CubiScan solution. CubeMaster enables the detailed measurement, validation, storage, management, and data export interface of tens or even hundreds of thousands of SKUs to a host WMS application.



### **CubeMaster for all CubiScan models:**





CubiScan 100 Ideal for cartons/boxes



CubiScan 125 Ideal for irregular shapes + cartons/boxes

CubiScan 25 Ideal for small irregular shapes



CubiScan 150 Ideal for cartons at dispatch + cuboidal SKUs

		e Complete
art Number	1469050	Cuber Measurements (CS100)
ЮМ	EACH	Height 8.4 cm
escription	MANIFOLD	Object Scaled
ocation	C07D02B	
AN-UPC	8	
elerence	1469050	
lore	0	
os	000	
fly		
nperial Length	11.02 ins	
nperial Width	6.61 ins	
nperial Height	3.31 ins	Length 28.0 cm Width 16.8 cm
nperial Weight nperial Volume	0.44 lbs 0.13953 tt3	
nperial Dim Weight	2.18 lbs	Weight 0.20 kg
ty Length	1	Piece Measurements
ty Width	1	Length 280.0 mm
ty Height	1	
ite ID	001	Width 168.0 mm
ate Time	30/08/2011 04:19:08 PM	Height 84.0 mm
can Indicator	Y	Weight 0.20 kg
	<u>.</u>	
		Dim Weight 0.99 kg
		Volume 0.003951 m3
		Save Ctrl+S
	sure F5	Low How Loh
	1% Not Processed: 59774 - 99.99%	
		Naster WMS



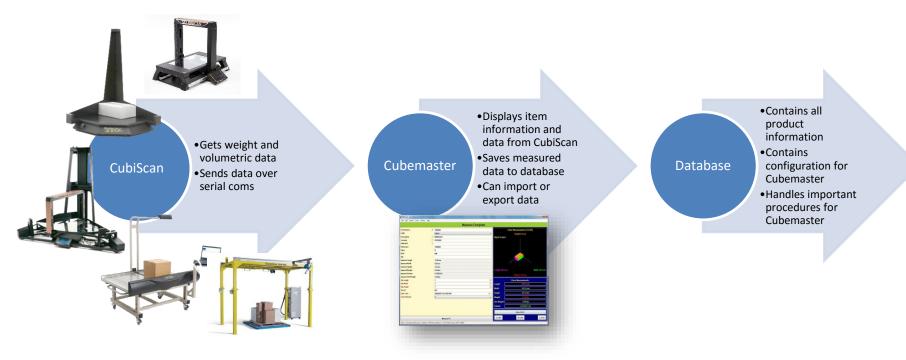
CubiScan 1200 AKL Ideal for larger / palletised irregular + all shapes – freight & SKUs

#### scaco.com.au

# CubeMaster for:



# CubiScan 25, 100, 125, 150, and 1200-AKL



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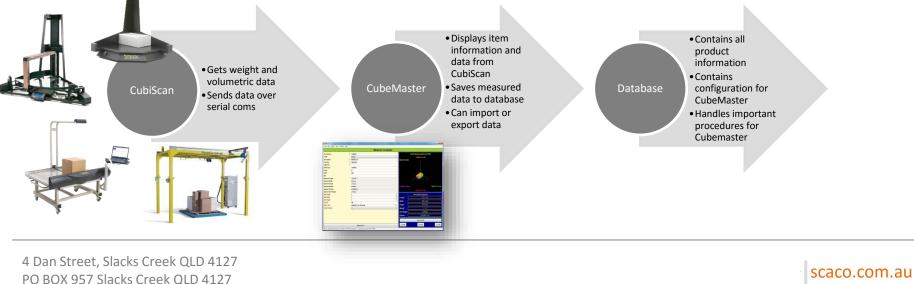
scaco.com.au

# How it works: CubeMaster



CubeMaster is always configured to each individual clients' needs. Our IT people work closely with your IT people every step of the way. If you want complex verification metrics, no worries. If you want something simple, that's okay too. CubeMaster accurately captures and stores volumetric and verification data from any CubiScan model and, with its easy to understand front-end, it's a breeze for anyone to use with minimal training.

Everything is handled by a robust database system which stores all information and handles important processes for the CubeMaster application. This allows CubeMaster to be flexible enough to fit the needs of any of our clients with a highly configurable back-end that can handle any task while leaving the operating side simple and easy to use.



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# The front-end

CubeMaster is designed to allow for a great degree of flexibility and customisation with up to 21 userdefined fields while remaining simple and usable for the operator.

An operator simply needs to scan a barcode or search for an item number to bring up all relevant information. By ticking the box next to any field they're able to search on that field instead. From there they place the item on the CubiScan, press F5 and volumetric data is taken from the CubiScan and saved to the database.

		Measure Complet	te			
Part Number	V	1469050		Cub	er Measurements (CS100	)
MOL		EACH	•		Height 8.4 cm	
Description		MANIFOLD		Object Scaled		
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EAN-UPC						
Reference		1469050				
Store		0				
SOS		000				
Ωty						
mperial Length		11.02 ins				
mperial Width		6.61 ins				
mperial Height		3.31 ins				
mperial Weight		0.44 lbs		Length 28.0 cm		Width 16.8 c
mperial Volume		0.13953 ft3			Weight 0.20 kg	
Imperial Dim Weight		2.18 lbs	100		And the second second	
Qty Length		1	4		Piece Measurements	
Qty Width		1	Ð	Length	280.0 mm	
2ty Height Site ID		001	Ē	Width	168.0 mm	
Date Time		30/08/2011 04:19:08 PM	0-	Height	84.0 mm	
Scan Indicator		30/08/2011 04:19:08 PM	•		0.20 kg	
		<u>.</u>		Weight		
				Dim Weight	0.99 kg	
				Volume	0.003951 m3	
					Save Ctrl+S	
		Measure F5		L⇔W	HOW	LOH

Example Cubemaster application configured to show conversion to imperial units

If they can't find the item they need they can add it in themselves. Simply by entering the information in to the relevant fields and saving they can create a whole new record in the database.

## Screen Shot: CubeMaster Configuration Guide



SCACO will configure your particular CubeMaster solution based on guidance and descriptions that you provide during the sales and pre-installation process. The spreadsheet below is a handy guide to better understand how the configuration is set up.

		5·♂· -				CubeMaster Standa	ard_CubeM	laster_CFG_		[Compat	ibility Mod	e] - Excel			Sign in		- ¢	
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3				CAN DO							CUS	IOWER	CONFIGURAT			ATADAS		
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5							PRODUC	т										
6	Name	: CubeMaster														c	нескі	LIST TO
-	Versi	on: 2.5																
8		2.0						FU	NCTIONAL	REQUIR	EMENTS							
•			UNIQUE		REQIRED			INT DATA	SCREEN							IMPORT	EXPOR	DEFAUL
	со	INTERNAL COLUMN NAME	INDEX	DEFAULT	IN DB	INTERNAL TYPE	LENGTH	TYPE	ORDER	SUFFIX	FORMAT	DEFAULT	USER COLUMN	HIDE	USER COLUMN	ORDER	T ORDER	VALUE
9 10	#		1	VALUE	1				#				NAME	1	EXPORT NAME	#	WEDER #	ON INSERT
10																		
11													Co	lumns	5			
12	1	ITM\$User_Item	2		YES	varchar(50)		varchar	2				Itmld	FALSE	Itmld	2	2	
13	2	ITM\$User_Type	3		YES	varchar(50)		varchar	6				Bunit	FALSE	Bunit	6	6	EACH
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15		ITM\$User1			NO	varchar(100)		varchar	1				EAN	FALSE	EAN	1	1	<b></b>
16		ITM\$User2			NO	varchar(100)		varchar	4				Ldesc	FALSE	Ldesc	4	4	<b></b>
17		ITM\$User3			NO	varchar(100)	100		5				QtyMeas	FALSE	QtyMeas	5	5	H
18		ITM\$User4			NO	varchar(1000)	1000		7				User3	TRUE	User3		7	<b></b>
19		ITM\$User5	_		NO	varchar(1000)		varchar	8				User4	TRUE	User5		8	
20		ITM\$User6			NO	varchar(1000)		numeric	9				User6	TRUE	User6		9	
21		ITM\$User7			NO	varchar(1000)		numeric	10				User7	TRUE	User7		10	ļ
22		ITM\$User8			NO	varchar(100)	100		11				User8	TRUE	User8		11	ļ
23		ITM\$User9			NO	varchar(100)	100		12				User9	TRUE	User9		12	
24		ITM\$User10	-		NO	varchar(100)		varchar	13				User10	TRUE	User10		13	
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Configuring CubeMaster: Unlimited SKUs. High Level Metrics. One Million SKUs? No Problem. Ten units of measure? Easy.



When it comes to SKU data metrics the CubiScan running CubeMaster can become "your source of truth" for SKU data. This is also especially helpful when adding new SKUs into the system "on the fly".

	ᠳ᠂᠂᠂᠂᠂					ltem da	tabase for Cubis	can [Read-Only]	- Excel							Sign in	困 -	đ	Х
I	File Home Insert	Page Layout	Formulas Data	Review	View 🛛 Te	ll me what y	ou want to do											۶	) + Share
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	В		С	D	E	F	G	н	1	J	K	L	MN	O P	Q	R S	Т	U	V
1	Internal Description	Description		Base UOM	Inv Posting Grp	Vendor No	Vendor	Vendor Item No_	Gen_ Prod	Global Din	Sales ( F	Purc M	anı Item (	Proc Put-	a Put	Produce Product Su	GTIN	Pack Size	
2	MONTELUKAST AN 4MG CH	MONTELUKAST A	N 4MG CHEWABLE TA	EA	AMNETH	AMN	AMNEAL PHARM	101RA446	AMNETH	AMNETH	EA E	EA E/	A 32	32 CHS	EA	ETHIC, PBS	9.347E+12	28	
3	MONTELUKAST AN 5MG CH	MONTELUKAST A	N 5MG CHEWABLE TA	EA	AMNETH	AMN	AMNEAL PHARM	101RA449	AMNETH	AMNETH	EA E	A E/	A 32	32 CHS	EA	ETHIC, PBS	9.347E+12	28	
4	NORFLOXACIN AN 400MG T	NORFLOXACIN AN	V 400MG TAB BLS 1	EA	AMNETH	AMN	AMNEAL PHARM	102RA452	AMNETH	AMNETH	EA E	EA E/	A 30	30 CHS	EA	ETHIC, NON PBS	9.347E+12	14	

Up to 21 unique user defined SKU data fields that your operator can verify during the measurement process.

LUIJL			<b>L</b> /1	21100						
28153	WW-SD-E	SLIDING D	EA	21160	VATER H	ARDW	9.32E+11			
28154	WW-SD-E	SLIDING D	EA	21160	VATER H	ARDW	ARE AUST	RALIA		
28155	WW-SD-E	SLIDING D	EA	21160	VATER H	ARDW	ARE AUST	RALIA		
28156	WW-SD-E	SLIDING D	EA	21160	VATER H	ARDW	9.32E+11			
28157	WW-SD-E	SLIDING D	EA	21160	VATER H	ARDW	9.32E+11			
28158	WW-WIN	WINDOW	EA	1002	STRATCO	PROI	93139121	01156	9313912	1011
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-	<b>•</b> • • •	Ŧ							MASTER	R DATA FINAL LIST CU	BISC
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2 0	387930	TEXTA LIC	UID CHALK DRY	WIPE BULLE	T YELLOW	/	9311	9603879	935	BASE_UNIT_OR_EACH	1
3 0	387930	TEXTA LIC	UID CHALK DRY	WIPE BULLE	T YELLOW	1	1931:	1960387	932	PACK_OR_INNER_PAG	СК
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5 0	387940	TEXTA LIC	UID CHALK DRY	WIPE BULLE	T PINK		93119	9603879	942	BASE_UNIT_OR_EACH	1
×											

#### 28,000 SKUs + and counting

#### All the units of measure you need to record

## **CubeMaster: Taking SKU data verification to the next level**



#### **The Power of CubeMaster :**

**Configuration = Imagination** 

Check out the CubeMaster screen shot on the next page.

The spreadsheet columns headers, whether event driven (ie LWH) or *verification* driven, become data fields located at different locations on the operator screen.

	А	В	С	D	E	F	G						
1	What hap	What happens if there is a item level (UoM) not in system											
2	Are their a	Are their any other levels we need to consider ie: EA,Inner, outer ?											
3	Confirm th	nat the GTI	N can be st	tripped out	t.								
4	Do we req	uire DG's											
5	Do we wa	nt to captu	re the UON	A level typ	e ie: Box, P	ack etc							
6	Do we wa	nt to recor	d any stora	age require	ments stat	ed on the	packaging						
7													
8													

Do the above questions seem familiar? Talk to us.

B1	.8 - : >	$\checkmark$ $f_x$ To be manually entered							
	А	В							
4	Vendor	Reference							
5	Description - Item	Reference							
6	Code	Selectable for UOM							
7	Pack size	To be entered manually							
8	Qty_per Unit of Measure	To be entered manually							
9	Gtin	To be scanned and saved							
10	Other Barcode	To be scanned and saved							
11	Storage Type/requirement	Ambient, fridge, freezer, no requirement							
12	Dangerous Good	Yess/No							
13	Ctn's per layer	To be manually entered							
14	Layers per Pallet	To be manually entered							
15	Pallet storage type	To be manually entered - select from drop down							
16	Pallet Width	To be manually entered							
17	Pallet Depth	To be manually entered							
18	Pallet Height	To be manually entered							
19	Pallet Weight	To be manually entered							
		To be entered by the cubi scan measurement - not							
20	Length	required on the main screen							
		To be entered by the cubi scan measurement - not							
21	Width	required on the main screen							
		To be entered by the cubi scan measurement - not							
22	Height	required on the main screen							
		To be entered by the cubi scan measurement - not							
23	Cubage	required on the main screen							
		To be entered by the cubi scan measurement - not							
	Weight	required on the main screen							
	Ctn's per layer	To be manually entered							
	Layers per Pallet	To be manually entered							
	Pallet storage type	To be manually entered - select from drop down							
28	Pallet Width	To be manually entered							
	Pallet Depth	To be manually entered							
	Pallet Height	To be manually entered							
31	Pallet Weight	To be manually entered							
	Cur vs req.	DB Scanning Screen (+)							

#### 📕 WMS User - scpl

<u>File Edit Browse Tools Window H</u>elp

		Ready for next item		
UOM	EA	ACH		Cuber Measurements (CS125)
Sku Number	☑ A1	1016903		Height 20.0 cm
Sequence	1		Object Scale	
Part Number	30	1511		
Description	SE	EALANT-L/TITE GASKET NO1 85G		
Brand	RE	EPCO		
Brand Description	RE	EPCO		
Barcode	07	/9340305113		
Vendor ID				
Vendor Name				
Packaging Type	0			
Warehouse Location	11	0500601		
Warehouse Location Sort Indicator				
Scan Indicator	N			
Conversion Factor	1			
DG UN Number				
DG Class				
DG Chemical			Length 15.	0 cm Width 10.0 cm
MSDS Reference				
Warehouse Storage Temperature				Weight 0.000 kg
Use by Date				Piece Measurements
Remarks			Length	15.0 cm
Site ID	00			
Date Time	23	/03/2015 03:19:16 PM		10.0 cm
Qty Height	1	2		20.0 ст
Qty Length	1		Weight	0.00 kg
Qty Width	1			
			Dim Weight	
			Volume	0.003000 m3
				Save F6
			L⇔W	H⇔W L⇔H

Mode = Auto Measure::Auto Save Total Items:- 4999 Processed Items:- 0 - 0.00% Not Processed:- 4999 - 100.00%

# Sample Features



Some of the features available in the CubeMaster software include:

- The ability to save items as separate levels based on the Unit of Measure (UOM). You define your various UOM during the configuration process.
- Automatic conversion of CubiScan data. cm  $\rightarrow$  mm, kg  $\rightarrow$  g etc
- A Quantity field for length, width and height allowing several of an item to be stacked. Cubemaster will then work out the dimensions as though it were a single item.
- Change an axis. You can change L to H or L to W and H to W depending on how your WMS requires SKU dimensions to be represented.
- Manual entry. SKUs too big? Scan the barcode and manually enter hand measured dims yourself.
- Date and time are saved with each transaction
- Automated exports and backups

## CubiScan & CubeMaster: Managing the data metrics of millions of Australian SKUs



Regardless of your logistics level in the supply chain CubeMaster is the answer. The following great brands All rely on CubeMaster to supercharge their Warehouse Management Systems with accurate SKU data.



www.scaco.com.au